

CITY OF PORTSMOUTH
Department of Public Works

Bid #02-10

SOUTH MEETING HOUSE REPAIRS

Addendum #1

July 21, 2009

This Addendum forms part of the original document marked: Bid #02-10 South Meeting House Repairs.

You are directed to make the following changes to the Bid Document:

1. Page 3 INVITATION TO BID

Insert the following paragraph at the end of the Invitation:

Each Bidder shall furnish a bid security in the amount of ten percent (10%) of the bid. The Bid Security may be in the form of a certified check drawn upon a bank within the State of New Hampshire or a bid bond executed by a surety company authorized to do business in the State of New Hampshire, made payable to the City of Portsmouth, N.H.

2. Page 28 SECTION 01100 SUMMARY

Delete Article 1.1, subparagraph A. 7. Remove and replace existing slate shingles with new slate on all slate roofs. Replace with the following:

Remove and salvage existing slate tiles that are serviceable. Reuse existing slate for new roof system whenever possible.

Delete Article 1.1, subparagraph A. 8. Furnish and install new snow guards on the north eave to match existing.

Replace with the following:

Furnish and install two pipe snowguard system on north side of roof.

In Article 1.1, add Paragraph C. to read:

C. DECORATIVE SNOW FENCE (Bid Alternate)

1. Furnish and install decorative snow fence to new two pipe system on north side of roof, to match existing in appearance on south side.

3. Page 34 **TECHNICAL SPECIFICATIONS**

SECTION 07523 SNOWGUARDS ,

Delete Article 2.1 Paragraph A. Replace with the following:

- B. Rubberized-Asphalt Sheet: ~~40-mil-~~ thick, self-adhering sheet consisting of rubberized asphalt laminated to a polyethylene film with release liner on adhesive side. (Grace Ice and Water Shield or approved equal.)

Add: SECTION 07523 SNOWGUARDS (attached)

DRAWING 3 SNOW FENCE DETAIL (attached)

4. CLARIFICATION

Sheet PVC, scored to resemble existing horizontal sheathing, will not be allowed. Horizontal siding will be milled to existing tongue and groove dimensions for reduction of thermal expansion and contraction in larger PVC components.

All else remains unchanged from original bid document.

Please acknowledge receipt of this addendum within your proposal, failure to do so may subject a bidder to disqualification.

END OF ADDENDUM.

SECTION 075253 SNOW GUARDS**PART 1 - GENERAL****1.1 SUMMARY**

- A. Furnish and install two pipe snow guard system on north side of roof.
- B. Provide bid alternate for decorative snow fence on north side to match existing on south side.

1.2 SYSTEM DESCRIPTION

- A. Components:
 - 1. #125 Snow guard system consists of snow guard bracket and base plate
 - 2. Tubing (snow rails).
 - 3. Couplings.
 - 4. Deck Fasteners
 - 5. To be of metal compatible with snow guards.
 - 6. Fasteners should be selected for compatibility with the roof deck.
 - 7. Fastener strength should exceed or be equal to that of the snow guard system.
 - 8. Adhesive: to be membrane roof manufacturer approved.

1.3 DESIGN REQUIREMENTS

- A. Spacing to be recommended by manufacturer engineer.
- B. A minimum of 4 fasteners per snow guard base plate.

1.4 SUBMITTALS

- A. Submit manufacturer's specifications, detail drawings, recommended layout and installation instructions.
- B. Submit shop drawing for attachment of decorative cast iron snow fence to 2 pipe system.

1.5 QUALITY ASSURANCE

- A. Installer to be experienced in the installation of specified roofing material and snow guards for not less than 5 years in the area of the project.

1.6 DELIVERY / STORAGE / HANDLING –

- A. Inspect material upon delivery and order replacements for any missing or defective items. Keep material dry, covered and off the ground until installed.

PART 2 PRODUCTS**2.1 MANUFACTURER**

- A. Alpine SnowGuards or approved equal for two pipe system

2.2 MATERIALS

- A. Two pipe Snow guard
 - 1. Bracket: extruded and milled 6061-T6 Aluminum
 - 2. Base Plate: 11 gauge 1/8" thick 302 or 304 Stainless Steel.
 - 3. Tubing: 6061-T6, 1" outside diameter and 1/8" wall thickness extruded Aluminum.

4. Couplings: 2011 aluminum 3” long.
 5. End Caps: 302 stainless steel.
 6. Ice Flags: 6061-T6 Aluminum (as needed).
 7. End Collars: 6061-T6 Aluminum.
 8. Fasteners: 304 Stainless Steel with an 18-8 finish.
- B. Decorative snow fence
1. Cast Iron or approved equal

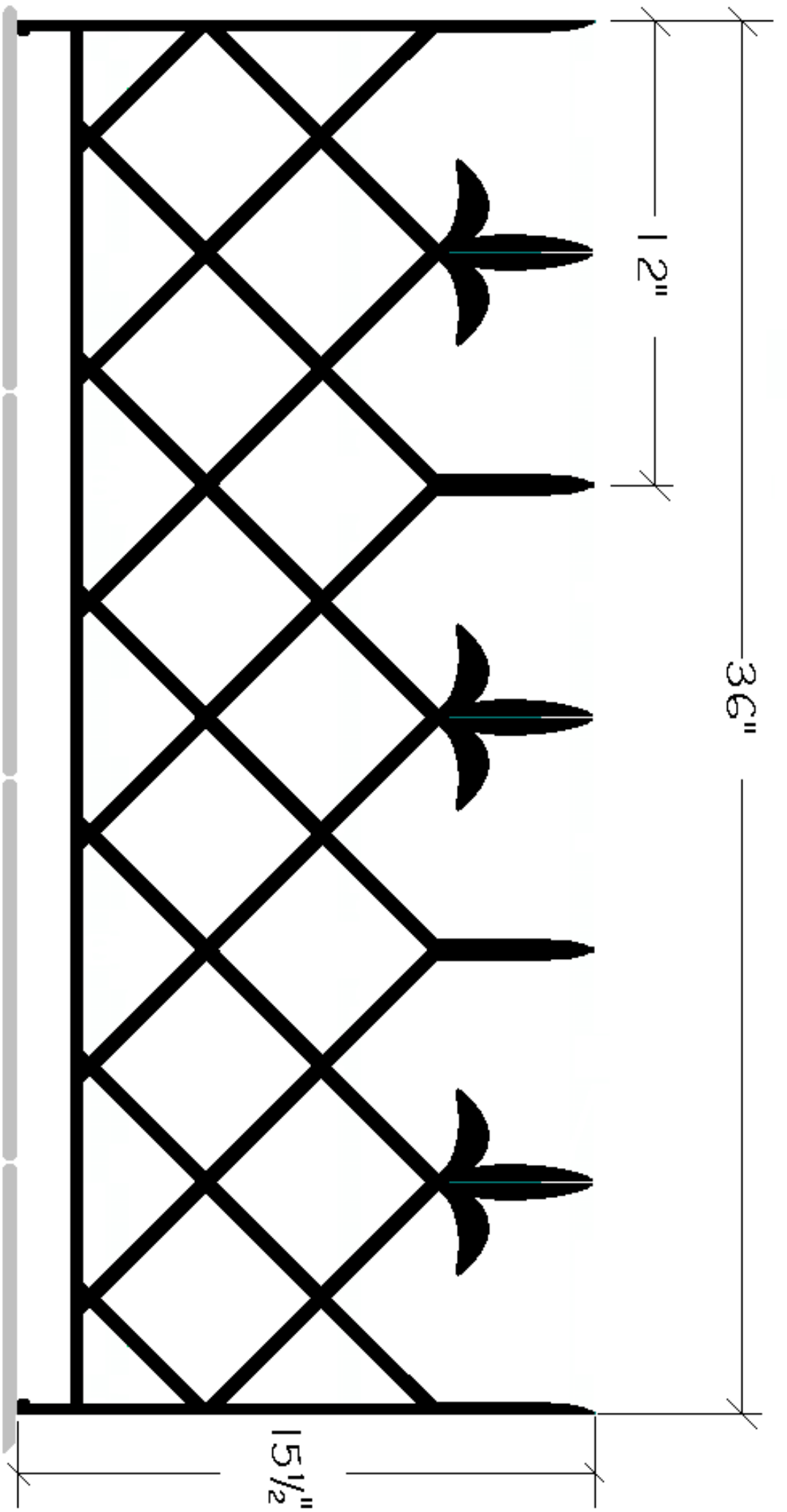
PART 3 EXECUTION

3.1 EXAMINATION

- A. Substrate: Inspect roof system to be properly attached and installed to withstand additional loading incurred.
- B. Notify Owner of any deficiencies before installing snow guards.

3.2 INSTALLATION

- A. Comply with architectural drawings for location and with Manufacturer's instructions for installation and recommended layout.



NOTE: Snowguards are made of cast iron.

CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS		
Title SOUTH MEETING HOUSE SNOW FENCE DETAIL	Bid No. 02-10	Drawn by DJH
Date 1/21/09		